

**U. S. Department of Energy
Condition Assessment Information System
Request for Change
Change Request #: 18-02**

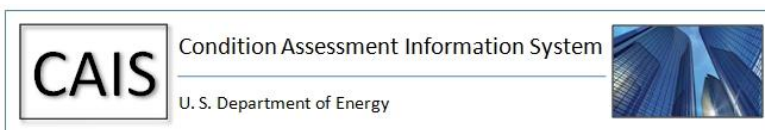
Requestor Name:	Adam Pugh	Date:	12/15/2017	Affiliation:	
Email Address:	Adam.pugh@hq.doe.gov	Phone No:	202-287-1397	DOE	X
Site Name:	Headquarters (MA-50)	HQ Program Office:	MA	Contractor	
Proposed Change:	<ol style="list-style-type: none"> 1. Replace the current Type Search with the same functionality as the Type Search in the Estimating Module. Type Search will be renamed to Line Number Search. Rename Type Description to Line Number Description on the Line Number Search window. 2. The Line Number Search window will return the RS Means Line Number, Unit of Measure, Volume (Assembly only), Line Number Description and RS Means Unit Cost to the IU Detail window. 3. The Type button at the bottom of the IU Detail window will be renamed to Line Number. The option of Save will be renamed to Save Favorites. The Load option will remain the same. The layout of the Saved Favorites window will be modified to include the RS Means Line Number, Line Number Description and Unit of Measure. 4. Modify the IU Detail window screen layout for the Required section. See Attachment A. Remove the following data elements from this windows. <ol style="list-style-type: none"> a. WBS b. Component c. National Average Cost d. Repair Cost e. Quantity 5. Add the following new data elements to the IU Detail window in the Required section. These fields will be populated via the Line Number Search window. <ol style="list-style-type: none"> a. RS Means Line Number (Display Only) b. Unit of Measure (Display Only) c. RSM Unit Cost (Display Only) d. Line Number Description (Display Only) 6. Additional IU Detail window enhancements include: <ol style="list-style-type: none"> a. Volume will be system generated for Assembly and Maintenance Assembly RS Means items. For Maintenance Master Format and Master Format items, the user would be required to manually populate the Volume via a pick list. Volume 99 will no longer be a valid option. b. Place a green box around the Official Cost to add significance to this field. 7. Modify the User Defined section of the IU Detail window to expand the display sizes of the User Defined data elements. See Attachment B. 8. Modify the IU List window to include the following enhancements: <ol style="list-style-type: none"> a. Remove Component from the standard and advanced views 				

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	<ul style="list-style-type: none">b. Add Volume and RS Means Line Number after the IU Number on the standard and advanced viewsc. On the standard view, replace Deferred Maintenance with Repair Needsd. On the advanced view, insert Repair Needs before Deferred Maintenance <p>9. Modify the Geographic Adjuster data element on the Area window to display the unit cost and provide filtering capability on the City and State in the same fashion as the Estimating Module.</p> <p>10. Update Standard Reports #005 and #006 as a result of the changes to the IU Detail window.</p> <p>11. Modify the current and archived ad-hoc report tool to include the following:</p> <ul style="list-style-type: none">a. Remove WBS Description, WBS Key, Component, National Average Cost, Quantity and Repair Costb. Add RSM Line Number, Unit of Measure and RSM Unit Costc. Rename Type to Line Number Description <p>12. Update Project Module to include the following enhancements:</p> <ul style="list-style-type: none">a. Modify the Project IU window to remove Component. Rename Type to Line Number Description. Insert the RS Means Line Number after the IU Number.b. Modify the Select IU's window to remove WBS and Component. Insert RS Means Line Number <p>13. The System Level Deficiency window will be modified to remove Volume 99. This volume will no longer be accepted.</p> <p>14. Rename Type Description to Line Number Description in the estimating module.</p> <p>15. Remove the Type Search option from the Asset menu.</p>
Justification:	<p>The enhancements will allow CAIS to fully align with the current RS Means data work breakdown structure. This will allow CAIS to fully utilize all RS Means data. In addition, these enhancements will streamline and simplify the IU level data entry and retrieval process which will be extremely beneficial to new sites beginning to use CAIS.</p> <p>It will establish the ground work for future enhancements to the CAIS upload capability to allow new IU records to be inserted via an Excel spreadsheet.</p>
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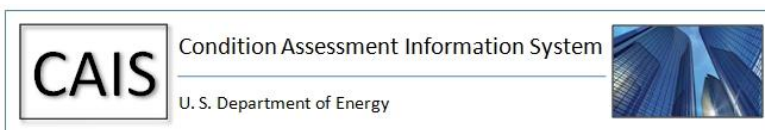
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CCB Remarks:	These enhancements were discuss at great length at the October 2017 CAS/CAIS User Group meeting. In addition, they were discussed on the December 13, 2017 monthly CAIS conference call. These discussion were intended to ensure that all sites had an opportunity to comment on them. There were no objections from the Sites on moving forward with these enhancements.
OAM Remarks:	12/15/2017 – Approved by Adam Pugh
Implemented:	03/01/2018 – Implemented into CAIS V3.13

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ATTACHMENT A

IU Number: <input type="text"/>	Inspection Date: <input type="text"/>	Inspector Name: <input type="text"/>
Volume: <input type="text"/>	Unit of Measure: <input type="text"/>	Discipline: <input type="text"/>
RSM Line Number: <input type="text"/> ...	RSM Unit Cost: <input type="text"/>	
Line Number Description: <input type="text"/>		
Urgency: <input type="text"/>	Engineered Cost: <input type="text"/> \$	Repair Needs Flag: <input type="text"/>
Replacement Qty: <input type="text"/>	Replacement Cost: <input type="text"/> \$	Deferred Maintenance Flag: <input type="text"/>
Condition: <input type="text"/>	Official Cost: <input type="text"/> \$	Modernization Flag: <input type="text"/>
Location: <input type="text"/>	Completed Cost: <input type="text"/> \$	Modernization Type: <input type="text"/>
Location Description: <input type="text"/>		
Equipment ID: <input type="text"/>		
Description: <input type="text"/>		
Optional		
User Defined		

ATTACHMENT B

User Defined	
Site Defined 1: <input type="text"/>	
User Defined 1: <input type="text"/>	
User Defined 2: <input type="text"/>	
User Defined 3: <input type="text"/>	
User Defined 4: <input type="text"/>	
User Defined 5: <input type="text"/>	
User Defined 6: <input type="text"/>	User Defined 8: <input type="text"/>
User Defined 7: <input type="text"/>	User Defined 9: <input type="text"/>

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